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TITLE: Operating system upgrading method in computer system, involves implementing control with upgradable or non-upgradable set of features, based on whether control is customized or not

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PATENT-ASSIGNEE: MICROSOFT CORP [MICRN]

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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: WO 200014630A

BASIC-ABSTRACT: NOVELTY - A request for control by an application being executed on the operating system (35), is identified. It is determined whether the control is customized by the application. The control is implemented with upgradable set of features, when the control has not been customized. Otherwise, the control is implemented with non-upgradable set of features.

DETAILED DESCRIPTION - The application is prevented from customizing the control, when the control has been implemented with the upgradable set of features. INDEPENDENT CLAIMS are also included for the following:

- (a) method for implementing an interface in operating system (OS);
- (b) interface implementing program;
- (c) method for implementing control in OS;
- (d) control supplementing program;
- (e) computer system for implementing a control when an application is run on OS;
- (f) computer system for implementing an interface when an application is run on OS;
- (g) method for implementing a control when an

application is run on OS;

(h) method for implementing an interface when an application is run on OS

USE - For upgrading operating systems like windows 95, windows 98, client-server operating system, windows NT, O/S2 by IBM, Mac OS, UNIX, windows CE, in computer system provided with window-based user interface. And also in hand-held devices, multiprocessor systems, microprocessor-based or programmable consumer electronics, network PCs, mini computers, mainframe computers and in distributed computing environments where tasks are performed by remote processing devices linked through communication network.

ADVANTAGE - Provides a naming convention which distinguishes the controls may be customized and that may not be customized, to allow the operating system to upgrade its controls without destroying the compatibility of applications which previously customize the operating system controls.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of hardware and operating environment.

Operating system 35

CHOSEN-DRAWING: Dwg.2/4

TITLE-TERMS:

OPERATE SYSTEM UPGRADING METHOD COMPUTER SYSTEM
IMPLEMENT CONTROL NON SET
FEATURE BASED CONTROL

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